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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

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January 23, 1981

Mr. Wendell J. Owen
Co-op Mining Company
Box 300
Huntington, Utah 84528

ACT/015/025
#7

RE: NOV #80-1-6-6
#2 of 6

Dear Mr. Owen:

Pursuant to your letter to Mr. Spencer addressing NOV #80-1-6-6, #2 of 6, the Division hereby terminates said violation for the sole reason that the maximum time allowed for any violation issued under the interim regulatory program, and Title 40-10-22(i)(c) of Utah Code Annotated, 1953, is 90 days.

At this time, the Division is awarding Co-op Mining Company a 30-day administrative delay extension beginning January 23, 1981 and ending at 8:00 a.m., on February 23, 1981. The material submitted for abatement must include at a minimum, the following information:

Minimum Requirement for Stability:

A. Map showing:

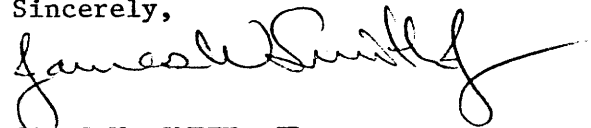
1. Aerial extent for which embankments and cuts are certified with a 1.5 safety factor.
 - a. For cuts having any slope in rock steeper than 1V:0.25h. (76°), UMC 817.152.
 - b. For embankments having any slope steeper than 1V:2h. (26.5°), UMC 817.152.
 - c. For cuts or embankments steeper than 1V:2h (26.5) or 1V:1.35h if material demonstrated to be 85% rock.

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2. Typical cross-section of cuts and embankments in the most critical area (steepest) for each material type. Cross-section should show angle of slope, height of slope, foundation type, etc.
- B. Discussion and calculation to determine 1.5 safety factor including pertinent input data, for soil, angle of internal friction (ϕ), specific weight (γ), cohesion (K), etc.
- C. Discussion on how cut slope, or embankment will be maintained in condition as calculated for 1.5 factor of safety, i.e., water control measures, etc.
- E. Professional Qualified Engineer must certify that he has examined, calculated and found that the area certified (see map) is stable with a 1.5 static safety factor.

Failure to comply will result in immediate enforcement action. If you have any questions pursuant to the above-mentioned information, please call.

Sincerely,



JAMES W. SMITH, JR.
COORDINATOR OF MINED
LAND DEVELOPMENT

cc: Mr. Bill Gorden, Dames & Moore
Tom Ehmett, OSM

JWS/JCH/btm

CO-OP MINING CO.
BOX 300
HUNTINGTON, UTAH 84528

See

Lee Spencer
Reclamation Engineer
Division of Oil, Gas, and Mining
1588 North West Temple
Salt Lake City, Utah 84116

Dear Mr. Spencer;

We have engaged the services of the engineering firm Dames and Moore, and their Mr. Bill Gorden has assured me they will have the report and certification of slopes at the Bear Canyon portal before the expiration of the time extension (Dec. 30) given to us on violation #80-1-6-6 2 of 6.

Respectfully,

Wendell Owen

Wendell Owen

Co-op Mining Co.

[Faint rectangular stamp]

JAN 21, 1981

DIVISION OF
OIL, GAS & MINING